



Docket: SJO920000096US4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: **Wipul Jayasekara**

SERIAL NO.: **10/622,033** **GROUP ART UNIT: 2652**

FILED: **07/16/03** **EXAMINER: Craig A. Renner**

FOR: **A Magnetic Tunnel Junction Sensor With Stabilization
Provided By Non-Conducting Antiferromagnetic Material
(as amended)**

Commissioner for Patents
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated September 2, 2004, please enter the following amendments and remarks in the above identified patent application.

In the Title:

Please replace the title of the application with "A MAGNETIC TUNNEL
JUNCTION SENSOR WITH STABILIZATION PROVIDED BY NON-
CONDUCTING ANTIFERROMAGNETIC MATERIAL".